

Home Energy Saver Project Progress Report #1-FY02

Lawrence Berkeley National Laboratory
<http://HomeEnergySaver.lbl.gov>

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SUMMARY: Workplan approved by Chris Early; tasks proceeding as planned.
Apparent EPA/DOE decision not to proceed with merger.
Proceeding with preliminary tasks of HES port and interface upgrade.

PROBLEMS: None

ACTION ITEMS FOR DOE: Provide feedback to LBNL on new interface mockups.

1. Software Review

- Report undergoing final internal review by Jim McMahon.
- Publication imminent

2. Coordination, Planning, Budget, and Tech Transfer

- Bi-weekly planning meetings
- Internal reporting and cost-tracking framework established
- Extensive discussions on merger.
- Apparent decision by DOE and EPA not to proceed with merger
 - HES to continue to be developed independently
 - No major impact on technical plan; programming and interface design goals largely unchanged
- Progress Report 1-FY02 prepared

3. Documentation

- Outline has been prepared for the DOE-2 documentation sub-task
- Outline in preparation for appliances documentation sub-task

4. Operations & Maintenance

- Normal progression
- Broken links identified and slated for repair

5. New HVAC Features & Outputs

Work has begun

6. HES Interface Improvement (Formerly "Merger of HES/HIT Content & Features")

9a. HES Interface Improvement Scoping Study (Formerly "Merger Scoping Study")

- Detailed mockup of new interface prepared and forwarded to DOE for comment
- Began specification of tasks for "Porting" existing HES code to Enhanced Java Beans
- Programmer to visit LBNL for two weeks in September to perform major work

7. Window-Selection Decision Tree

- Meetings with Windows Group (Decision-Tree team)
- Begun coordination of decision tree questions and future HES inputs

8. Energy Education Module ("Energized Learning")

- Cost-share from LBNL Center for Science and Engineering Education
- Pre-service teacher spent 10 weeks at LBNL working on project
- Example "Lesson Plan" prepared
- Additional Lesson Plan concepts developed
- Web interface conceptual design
- Reviewed "Education Standards" to assist in making proposed energy-education material relevant and helpful to teachers
- Energized Learning Poster prepared
- Presented project to DOE Office of Science Education director during LBNL site visit
excellent feedback